

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-55. Cancelled

56. (New) A breathable film comprising a blend of a thermoplastic polymer, a filler, and nanoparticles, wherein said nanoparticles have a diameter of about 500 nanometers or less and selected from the group consisting of silica, alumina, titanium dioxide, gold, zinc oxide, polystyrene, and combinations thereof, wherein said nanoparticles are modified with a metal ion to form modified nanoparticles, wherein said modified nanoparticles comprise a negative first Zeta Potential from about -1 to about -50 millivolts and a second Zeta Potential being at least about 5.0 millivolts higher than said negative first Zeta Potential.

57. (New) The breathable film of claim 56, wherein the filler comprises at least 35% by weight of said breathable film.

58. (New) The breathable film of claim 56, wherein the filler comprises from about 45% to about 65% by weight of said breathable film.

59. (New) The breathable film of claim 56, wherein the filler has an average particle size of about 0.1 microns to about 10 microns.

60. (New) The breathable film of claim 56, wherein the filler is coated with a fatty acid.

61. (New) The breathable film of claim 56, wherein the filler is selected from the group consisting of calcium carbonate, clays, silica, alumina, barium sulfate, talc, magnesium sulfate, titanium dioxide, zeolites, aluminum sulfate, cellulose powders,

diatomaceous earth, gypsum, magnesium sulfate, magnesium carbonate, barium carbonate, kaolin, mica, carbon, magnesium oxide, aluminum hydroxide, pulp powder, wood powder, cellulose derivatives, polymeric particles, chitin, chitin derivatives, and combinations thereof.

62. (New) The breathable film of claim 56, wherein the filler comprises calcium carbonate.

63. (New) The breathable film of claim 56, wherein said negative first Zeta Potential is from about -1 to about -20 millivolts.

64. (New) The breathable film of claim 56, wherein said nanoparticles are silica nanoparticles.

65. (New) The breathable film of claim 56, wherein said metal ion is selected from the group consisting of copper ion, silver ion, gold ion, iron ion, and combinations thereof.

66. (New) The breathable film of claim 65, wherein said metal ion is copper ion.

67. (New) The breathable film of claim 56, wherein said film has a WVTR of at least 300 g/m²/day.

68. (New) The breathable film of claim 56, wherein said film has a WVTR of at least 500 g/m²/day.

69. (New) The breathable film of claim 56, wherein the surface area of said nanoparticles is at least 100 m²/g.

70. (New) The breathable film of claim 56, wherein the surface area of said nanoparticles is at least 200 m²/g.

71. (New) The breathable film of claim 56, wherein the surface area of said nanoparticles is at least 500 m²/g.

72. (New) The breathable film of claim 56, wherein the thermoplastic polymer is a polyolefin.

73. (New) The breathable film of claim 56, wherein said metal ions are adsorbed onto said nanoparticles to form said modified nanoparticles.

74. (New) The breathable film of claim 56, wherein said metal ions are bonded to said nanoparticles via coordinate bonds, covalent bonds, or mixtures thereof to form said modified nanoparticles.

75. (New) The breathable film of claim 56, wherein said metal ions are coupled to said nanoparticles with an organofunctional silane to form said modified nanoparticles.

76. (New) A breathable film comprising a blend of a thermoplastic polymer, a filler, and nanoparticles, wherein said nanoparticles have a diameter of about 500 nanometers or less and are modified with a metal ion to form modified nanoparticles, wherein said modified nanoparticles comprise a positive first Zeta Potential from about 1 to about 70 millivolts.

77. (New) The breathable film of claim 76, wherein said nanoparticles are selected from the group consisting of silica, alumina, titanium dioxide, gold, zinc oxide, polystyrene, and combinations thereof.

78. (New) The breathable film of claim 77, wherein said nanoparticles are alumina nanoparticles.

79. (New) The breathable film of claim 76, wherein said metal ion is selected from the group consisting of permanganate ion, chlorite ion, persulfate ion, and combinations thereof.

80. (New) The breathable film of claim 79, wherein said metal ion is permanganate ion.

81. (New) The breathable film of claim 76, wherein said metal ions are adsorbed onto said nanoparticles to form said modified nanoparticles.

82. (New) The breathable film of claim 76, wherein said metal ions are bonded to said nanoparticles via coordinate bonds, covalent bonds, or mixtures thereof to form said modified nanoparticles.

83. (New) The breathable film of claim 76, wherein said metal ions are coupled to said nanoparticles with an organofunctional silane to form said modified nanoparticles.

84. (New) A personal care product comprising an outer cover, said outer cover comprising a breathable film and having a WVTR about 500 g/m²/day or greater, said breathable film comprising a blend of a thermoplastic polymer, a filler, and nanoparticles, wherein said nanoparticles have a diameter of about 500 nanometers or less and selected from the group consisting of silica, alumina, titanium dioxide, gold, zinc oxide, polystyrene, and combinations thereof, wherein said nanoparticles are modified with a metal ion to form modified nanoparticles.

85. (New) The personal care product of claim 84 further comprising a nonwoven fabric laminated to said breathable film.

86. (New) The personal care product of claim 84, wherein the personal care product is a diaper.

87. (New) The personal care product of claim 84, wherein the personal care product is an adult incontinence product.